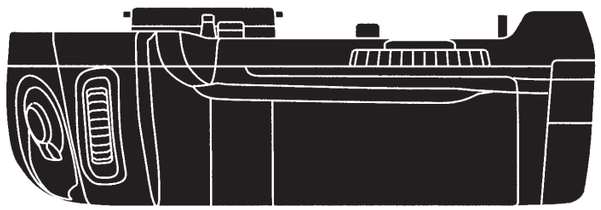
Item # XTNG800

User's Manual

Multi-power Battery Pack

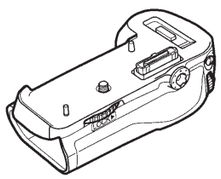
designed for

Nikon

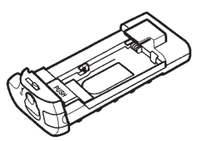


Thank you for your purchase of an XTNG800 multi-power battery pack for use with all Nikon single-lens reflex digital cameras that list the XTNG800 as a compatible accessory in the camera manual. The XTNG800 takes one EN—EL15 or EN-EL18 rechargeable battery or eight AA batteries (alkaline, Ni-MH, or lithium) and includes an alternate shutter-release but-ton, AF-ON button, multi selector, and main and sub-command dials for taking pictures in "tall"(portrait) orientation. Camera menu options allow the user to choose whether the camera battery or the batteries in the XTNG800 are used first; see the camera manual for details

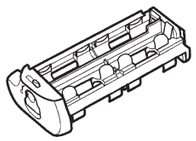
The XTNG800 and Supplied Accessories
Confirm that the following items are supplied with the XTNG800 (batteries are sold separately).



XTNG800



XTNG800 holder for EN-EL15 batteries



XTNG800 holder for AA batteries

Contact cap

Using the Optional EH-5a/EH-5b AC Adapter and EP-5B Power Connector

The optional EH-5a/EH-5b AC adapter and EP-5B power connector provide a reliable power source when the camera is used for ex- tended periods. To use an AC adapter with the XTNG800, insert the EP-5B into the XTNG800 battery holder as described on page 7 and then connect the EH-5a/EH-5b as described in the documentation provided with the EP-5B.

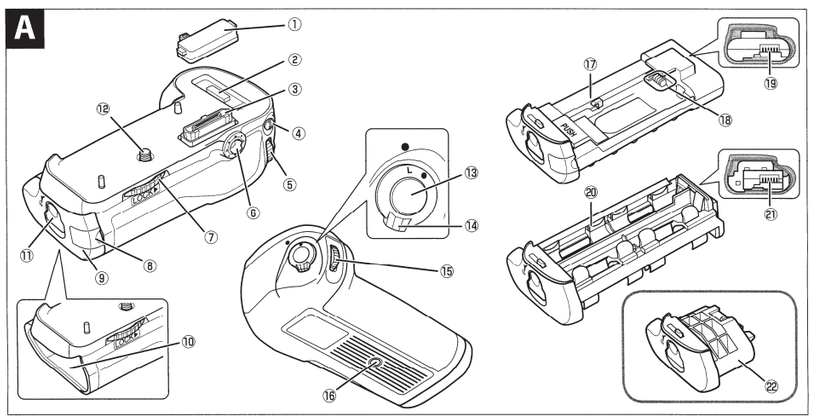
Using the Optional BL-5 Battery-Chamber Cover

A BL-5 battery-chamber cover (available separate-ly) is required when using EN-EL18 batteries.

BL-5 battery-chamber cover

Parts of the XTNG800 (Figure A)

1) Contact cap 2) Holder for camera contact cover 3) Power/signal contacts 4) AF-ON button 5) Main cornrnand dial 6) Multi selector 7)Attachment wheel 8) Holder power connector cover 9) Battery-chamber cover 10) Battery chamber 11) Battery-chamber latch 12) Mounting screw 13) Shutter-release button 14) Control lock 15) Sub-command dial 16) Tripod socket 17) XTGN800 holder for EN-EL15 batteries 18) Power terminals 19) Power terminals (MXTGN800 battery holder) 20) XTNG800 holder for AA batteries 21) Power terminals (XTGN800 battery holder) 22) BL-5 battery-chamber cover (available sep-arately)



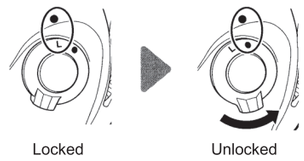
The XTNG800 Shutter-Release Button,Multi Selector,Command Dials,and AF-ON Button

The XTNG800 is equipped with a shutter-release button (Figure A-13), multi selector (Figure A-6),main command dial (Figure A-5), sub-command dial (Figure A-15),and AF-ON button (Figure A-4)for use when taking photographs in vertical ("tall",or portrait) orientation. These controls perform the same functions as the corresponding controls on the camera. See the camera manual for more information. Changes to **Multi selector center button, Multi selector, Customize command dials, and Assign XTNG800 AF-ON** in the camera Custom Settings menu (Group f) also apply to the multi selector, command dials, and AF-ON button on the XTNG800.

The XTNG800 Control Lock

The control lock (Figure A-14) locks the con-trols on the XTNG800 to prevent unintended use. Before using these controls to take photographs in vertical (portrait) orientation, release the lock as shown at right.

The control lock is not a power switch. Use the camera power switch to turn the camera on and off



Locked Unlocked

Using the Battery Pack

Attaching the Battery Pack

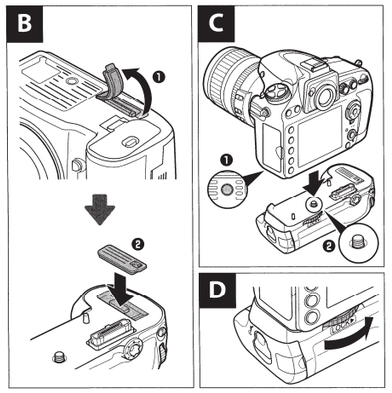
Before attaching the battery pack,be sure that the camera is off and that the XTNG800 control lock (Fiqure A-14) is in the L position (the illustrations show the D800).

1 Remove the contact cap (Figure A-1) from the battery pack.

2 The contacts for the XTNG800 are in the base of the camera, where they are protected by a con-tact cover. Remove the contact cover as shown in Figure B-1 and place it in the contact cover holder on the XTNG800 (Figure B-2).

3 Position the XTNG800,keeping the XTNG800 mounting screw (Figure C-2) aligned with the cam-era tripod socket (Figure C-1) and tighten the attachment wheel by rotating it in the direction shown by the **LOCK** arrow (Figure D). There is no need to remove the battery from the camera before connecting the XTNG800. At default settings, the battery inserted in the camera will be used only after the battery in the XTNG800 is exhausted. The **Battery order** option in the cam-era Custom Settings menu (Group d) can be used to change the order in which the batteries are used.

Removing the Battery Pack To remove the XTNG800, turn the camera off and set the control lock on the XTNG800 to L,then loosen the attachment wheel and re-move the XTNG800. Be sure to replace the con-tact cover on the camera and the contact cap on the XTNG800 when the battery pack is not in use.



Be sure to place the camera contact cover in the contact cover holder and to keep the XTNG800 con-tact cap in a safe place to prevent loss.A PB-6D and PK-13 auto-extension ring are required when using PB-6 bellows focusing attachment with the XTNG800.

Inserting Batteries

The XTNG800 can be used with one **EN-EL15 or EN-EL18 rechargeable Li-ion battery**, or with **eight AA batteries. A BL-5 battery-chamber** cover (avail-able separately) is required when using an EN-EL18 battery. Before inserting batteries, be sure that the camera is off and that the XTNG800 control lock is in the L position.

1 Turn the XTNG800 battery-chamber latch to and remove the battery holder (Figure E).

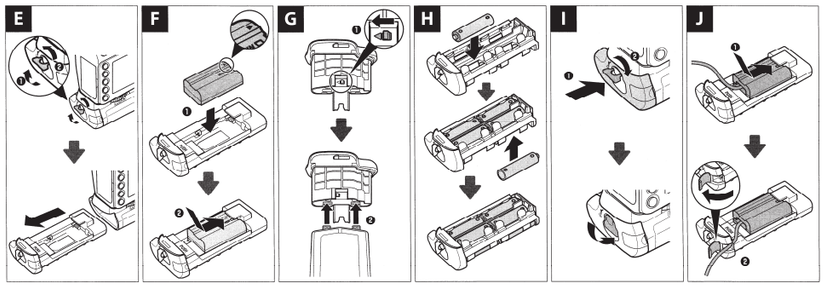
2 Ready the batteries as described below.

EN-EL15: Matching the indentations on the battery to the projections on the XTNG800 holder,insert the battery with the arrow on the bat-tery toward the battery holder power terminals (Figure F-1). Press the battery lightly downward and slide it in the direction of the arrow until the power terminals click into place (Figure F-2).

EN-EL18: If the battery release on the optional BL-5 battery-chamber cover is positioned so that the arrow is visible,slide the battery release to cover the arrow (Figure G-1). Insert the two projections on the loattery into the matching slots on the BL-5 (Figure G-2) and confirm that the battery release has slid aside to reveal the arrow. AA batteries:Place eight AA batteries in the XTNG800 battery holder as shown in Figure H, making sure that the batteries are in the correct orientation.

3 Insert the battery holder in the XTNG800 and latch the battery-chamber cover (Figure I). Make sure the holder is fully inserted before turning the latch.

4 Turn the camera on and check the battery level in the control panel or viewfinder. If the camera does not turn on, check that the battery is cor-rectly inserted.



The EP-5B Power Connector

When using the EP-5B power connector, insert it into the XTNG800 holder with the arrow on the connector toward the battery power terminals.Press the connector lightly downward and slide it in the direction of the arrow until the power terminals click into place (Figure J-1). Open the holder power connector cover and pass the EP-5B power cable through the opening (Figure J-2).

Battery Level

The camera displays battery level as follows:

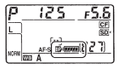
EN-EL15/EN-EL18

Control panel	Viewfinder	Description
	------	Battery fully charged.
	------	Battery partially discharged.
		Low battery. Ready fully-charged spare battery or charge battery.
(blinks)	(blinks)	Battery exhausted. Charge or exchange battery.

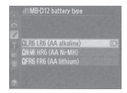
AA Batteries

Control panel	Viewfinder	Description
	------	Charge remaining.
		Low batteries. Ready spare batteries.
(blinks)	(blinks)	Batteries exhausted. Shutter release disabled.

An option in Group d of the camera Custom Set- tings menu can be used to change the order in which the batteries are used. When the camera is drawing power from the XTNG800, a BP icon is displayed in the control panel. If the BP icon blinks, the battery-chamber cover is not locked.Close and latch the battery-chamloer cover.



To ensure that the camera shows the cor-rect battery level when AA batteries are use,choose the appropri-ate option for XTNG800 bat-tery type in the camera Custom Settings menu (Group d). If the correct option is not selected,the camera may fail to function as expected.

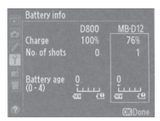


Option	Battery type
LR6 LR6 (AA alkaline)	AA alkaline(LR6)
Ni-MH HR6 (AA Ni-MH)	AA Ni-MH(HR6)
FR6 FR6 (AA lithium)	AA lithium(FR6)

Remove the batteries when the XTNG800 is not in use

Battery Info

Battery information(including calibration information for EN-EL18 batteries) can be viewed from the camera setup menu (the camera battery is listed on the left, the XTNG800 0n the right). Only the battery level icon is shown when AA batteries are used. See the camera manual for details.



Note: The illustrations on this page are from the D800.

Removing Batteries

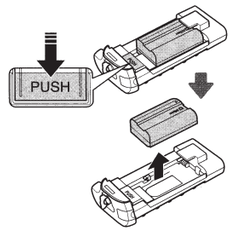
Be careful not to drop batteries or the holder.

1 Turn the XTNG800 battery- chamber latch t and remove the battery holder (Figure E).

2 Remove the battery or batteries from the holder.

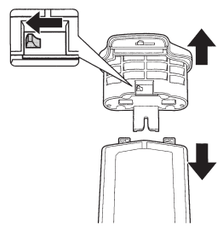
EN-EL15

While pressing the holder **PUSH** button, slide the battery toward the button. The battery can then be removed as shown.



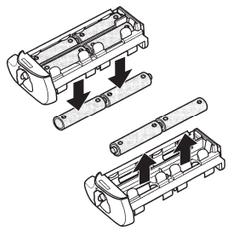
EN-EL18

Slide the battery release in the direction indicated by the arrow( ) and remove the battery-charnber cover.



AA Batteries

Remove the batteries as shown. Be careful not to drop the batteries when removing them from the holder.



The procedure for removing the EP-5B power connector is the same as that for the EN-EL15.

Specifications

Power source	One EN-EL15 or EN-EL18 rechargeable Li-ion battery, eight LR6 alkaline, HR6 Nli-MH, or FR6 lithium AA batteries, or EH-5b/EH-5a/ EH-5 AC adapter (requires EP-5B power connector)
Operating temperature	0-40℃ (32-104℉)
Dimensions (WXHXD)	Approx. 151X50X81 mm (6.0X2.0X3.2 in.)
Weight	Approx.365 g (12.9 oz) with MS-D12EN and optional EN-EL15 battery Approx. 460 g (16.3 oz) with MS-D12 and eight AA batteries (available separately from third-party suppliers) Approx. 310 g (11.0 oz) with MS-D12EN and optional EP-5B power connector Approx. 425 g (15.0 oz) with optional BL-5 and EN-EL18 battery Approx. 280 g (9.9 oz) with MS-D12EN Approx. 270 g (9.6 oz) with MS-D12

Specifications and design are subject to change without notice.

EN-EL15 and EN-EL18 Batteries

The performance of EN-EL15 and EN-EL18 batteries drops at temperatures below about l0oC (500F). Be sure the battery is fully charged and keep a warm spare battery on hand ready to exchange as necessary. Cold batteries will recover some of their charge when warmed.

AA Batteries

Due to their limited capacity, AA LR6 alkaline batteries should be used only when no other alternative is available. The capacity of AA batteries varies with make and storage conditions and rnay in some instances be extremely low; in some cases, AA batteries may cease to function before their expiry date. Note that the capacity of AA batteries may drop at temperatures below 20℃ (68℉). Use is not recommended at low temperatures.

Frame Advance Rate

EN-EL18 and AA batteries support higher frame advance rates than the EN-EL15; note, however, that in the case of AA batteries the frame advance rate will drop at low temperatures or if the batteries are low. For more information on frame advance rates, see the camera manual.